

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of transmitting information asynchronously between a supplier and a consumer in accordance with ACID properties, said supplier and said consumer being connected by a chain of communication channels, ~~characterized in that~~ the method comprising transmitting said information ~~is transmitted~~ by means of independent transactions set up~~[[·]]~~ between said supplier and ~~[[the]]~~ a first communication channel of said chain, ~~[[·]]~~ between each of the communication channels of said chain, and ~~[[·]]~~ between the ~~[[last]]~~ a communication channel of said chain and said consumer.

2. (Currently Amended) A method according to claim 1, ~~characterized in that~~ wherein each communication channel has a set of clients which ~~can be~~ are other communication channels ~~[[and/or]]~~ or consumers, and ~~in that when a communication channel~~ one of said communication channels of said chain is ~~[[the]]~~ a target of one of said independent transactions, ~~it effects the following steps~~ the method further comprises:

~~[[·]]~~ storing said information in a reliable memory,

~~[[·]]~~ finalizing said independent transaction, and

[[·]] if said independent transaction has succeeded, initiating independent transactions with said clients containing said information.

3. (Currently Amended) A method according to claim 1, ~~characterized in that~~ wherein to initiate said independent transactions, said information is stored in a plurality of queues each of which is associated with one of said clients and consumed by a thread.

4. (Currently Amended) A communication channel enabling asynchronous transmission of information between a supplier and a consumer in accordance with ACID properties, said channel having a set of clients which can be other communication channels ~~and/or~~ or consumers, ~~characterized in that it includes~~ said channel comprising:

[[·]] means for storing [[the]] information contained in a transaction for which said channel is [[the]] a target,

[[·]] means for finalizing said transaction, and

[[·]] means for initiating transactions containing said information with said clients if said transaction has succeeded.

5. (Currently Amended) A communication channel according to claim ~~[[1]]~~ 4, ~~characterized in that it further includes~~ further comprising a plurality of queues each of which is associated with one of said clients.

6. (Currently Amended) A transactional asynchronous communication architecture ~~utilizing~~ comprising a plurality of communication channels ~~according to claim 4~~ enabling asynchronous transmission of information between a supplier and a consumer in accordance with ACID properties, each of said channels having a set of clients which can be other communication channels or consumers, wherein each of communication channels comprises:

means for storing the information contained in a transaction for which said channel is the target,

means for finalizing said transaction, and

means for initiating transactions containing said information with said clients if said transaction has succeeded.